

**Falcon Refinery Superfund Site
Ingleside
San Patricio County, Texas
TXD 086 278 058**

Monthly Progress Report # 62

June 2011

Prepared for

**National Oil Recovery Corporation
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Prepared by



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1.0 INTRODUCTION

This sixty-second Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil Recovery Corporation (NORCO).

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report, covering July 2011, will be submitted on or before August 10, 2011.

2.0 COMPLETED ACTIVITIES

2.1 Removal Action Activities

During June, rainwater that had entered the tanks through holes in the roofs of the tanks and came in contact with sludge in the bottoms of the tanks in Tanks 10, 17 through 24, 27 and 30 (Figure 1) was transferred into Tank 26. By moving the liquid to Tank 26 the remaining tanks can be cleaned using the approved addendum to the Removal Action Work Plan. Estimates indicate that after the transfer there are 1.3 million gallons of rainwater in Tank 26.

Following the transfer of rainwater from the tanks, sludge in the bottoms of the tanks was sampled to characterize the waste for proper disposal.

A permit to discharge the rainwater via irrigation from Tank 26 to the vacant field on the southwestern portion of the refinery property is being prepared and will be submitted to the Texas Commission on Environmental Quality for approval. Prior to any discharge of rainwater, the water will be passed through activated carbon and sampled to ensure that no contaminants are discharged.

Inventory of the remaining tanks on the refinery property indicates that Tanks 13 (empty), 15 and 16 are under lease to Superior Crude Gathering, Inc. and Tanks 12 and 14 are empty (Figure 1).

To date a total of approximately 7,774,721 gallons of hazardous waste have been removed from all of the above ground tanks and disposed via deep well injection at Texas Molecular.

Prior to the beginning of liquid waste disposal in October 2004, the volume of waste in the above ground storage tanks was measured at 6,844,094 gallons. Apparently due to holes in the tops of the tanks the volume of waste has increased due to rainfall, since more waste has been disposed of than was originally measured.

A compilation of hazardous liquid waste disposal is included as Table 1.

2.2 Remedial Investigation / Feasibility Study (RI/FS)

NORCO met with the EPA in Dallas on June 29th to discuss the progress of the Removal Action activities and the future of the RI/FS activities. Upon authorization to commence work, NORCO will implement the Phase II RI/FS Field Sampling Plan and further actions associated with the RI/FS.

3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD

Originally, NORCO had planned to transfer the rainwater into Tank 30; however, an apparent leak was detected in Tank 30 and the decision was made to transfer the rainwater to Tank 26.

4.0 COMMUNITY RELATIONS

The EPA has developed a web site to display information about the Removal Action and RI/FS activities. Information can be found by going to www.epaosc.net and selecting web sites, then Region 6 and then the Falcon Refinery Site.

5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD

No changes were made during June.

6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS

6.1 Removal Action Work projected for the next two months includes:

- Implement Removal Action Work Plan Addendum No.3;
- As tanks are emptied and cleaned, determine if the tanks will be repaired or removed;
- Continue site maintenance; and
- Apply for a land discharge permit through the TCEQ.

6.2 RI/FS Work projected for the next two months includes:

- Implementing the Phase II Field Sampling Plan, including:
 - Obtaining access agreements from land owners for offsite sampling locations; and
 - Contracting for drilling and analytical testing.

7.0 LABORATORY / MONITORING DATA

No analytical results were received during June.

FIGURE



N



0 200 400
Feet

ABOVE GROUND STORAGE TANK MAP

FALCON REFINERY
INGELSIDE, SAN PATRICIO COUNTY, TEXAS

PROJECT NO.: 182978

DATE: 4/29/2011



505 EAST HUNTLAND DRIVE
SUITE 250
AUSTIN, TEXAS 78752
512-329-6080

FIGURE
1

Source: National Agriculture Imagery Program
(NAIP) 2009 Aerial Photography.

TABLES

Table 1. Hazardous Liquid Waste Disposal

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr. Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez
RQ, HAZARDOUS WASTE LIQUID N.O.S., 9, UN3082, III (D007, D008, D018)				
	Month	Volume (gal)		
	October-04	53,832		
	November-04	734,763		
	December-04	879,158		
	January-05	783,881		
	February-05	551,444		
	March-05	565,489		
	April-05	445,107		
	May-05	471,311		
	December-05	42,550		
	January-06	58,740		
	February-06	59,140		
	March-06	0		
	April-06	29,371		
	May-06	59,018		
	June-06	97,151		
	July-06	118,743		
	August-06	148,509		
	September-06	109,908		
	October-06	86,665		
	November-06	140,498		
	December-06	85,813		
	January-07	118,541		
	February-07	107,985		
	March-07	152,493		
	April-07	121,588		
	May-07	150,368		
	June-07	87,900		
	July-07	143,485		
	August-07	94,727		
	September-07	0		
	October-07	50,298		
	November-07	151,227		
	December-07	112,285		
	January-08	119,353		
	February-08	88,777		
	March-08	60,913		
	April-08	18,695		
	May-08	25,349		
	June-08	0		

Table 3. Contaminated Soil and Oily Debris Disposal

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
U.S. Ecology Texas L.P.	P.O. Box 307 Robstown, TX	361-387-3518	TXD069452340	Glenda Felkner
PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS				
	Month	Volume (cy)		
	October-04	0		
	November-04	0		
	December-04	40		
	January-05	0		
	February-05	0		
	Total	40		
RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)				
	Month	Volume (cy)		
	February-05	15		
	Total	15		

Table 4. Oil and Filter Disposal

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez
RECYLCED OIL AND FILTERS				
	Month	Volume (gal)		
	January-05	403		
	February-05	0		
	Total	403		
DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Midstate Environmental Services, LLC	2203 Tower Road Robstown, TX	361-387-2171	TXR000051227	Lloyd Cooke
RECYLCED OIL AND FILTERS				
	Month	Volume (gal)		
	January-05	16,651		
	February-05	0		
	Total	16,651		